

## ABSTRACT

*Business competition is very tight at this point requires the company to develop business strategies and tactics appropriately. For that there are two advantages that should be pursued in earnest to produce a comparative advantage. This study aims to determine the best solution, especially transportation management in the procurement of raw materials from suppliers to the company so we get transport and accommodation costs to a minimum for the PT. Agro Sarimas Indonesia from their own gardens and three Supplier of Ruslan Jaya, S. Coop Stars. B. and CV. Surya Abadi. Difficulties that occur because of residual feedstock capture the oil palm plantation on their own and each supplier of non-fulfillment of a transportation fleet. This is of course a waste transportation and accommodation costs as much to making a full freight.*

*The theory used in this study is Forecasting Method (Forecasting), Inventory (Inventory) and Method of Transportation. Results obtained from the method of transportation for Supplier Ruslan Sencalang Jaya and Gardens is **Rp.1.577.644,-** and the results obtained for Supplier CV. Surya Abadi and Supplier Kop. S. Star B is **Rp. 797.723,-***

*From the research that was done the rest of the raw material obtained by taking the optimum that can be used by companies is to use the second alternative for Ruslan Jaya and Garden Supplier sencalang decision because the cost of raw materials have the smallest is **Rp. 69.394,-** As for Supplier CV. Surya timeless and Supplier Kop. S. Star B is selected alternatives to the cost of raw because has the smallest cost is **Rp. 88.409,-***

**Key words: Inventory, Transportation, Distribution Optimal.**